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Product Specifications

Catalogue Number	03124
Product	N^α-Benzoyl-D-phenylalanine Bz-D-Phe-OH
CAS Number	37002-52-1
Molecular Formula	C ₁₆ H ₁₅ NO ₃
Molecular Weight	269.3

Appearance	White to off-white powder
Solubility	Clear solution (1 mmol in 2 mL DMF)
Melting Point	133-152 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = +42 ± 3° (C=1% in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2 hr)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only